

Title (en)

Security module for an electronic funds transfer system.

Title (de)

Sicherheitsmodul für eine elektronische Geldüberweisungsvorrichtung.

Title (fr)

Module de sécurité pour un système électronique de transfert de fonds.

Publication

EP 0186981 A2 19860709 (EN)

Application

EP 85308823 A 19851204

Priority

GB 8431381 A 19841212

Abstract (en)

A security module for use in an electronic funds transfer terminal is contained in a tamper-resistant housing. The module has a PIN pad and is designed to encrypt secret data, such as users personal identity numbers (PINs), so that other terminal processes cannot gain access to it. The encryption functions are carried out in a security controller which includes its own microprocessor and encryption/decryption unit.

IPC 1-7

G07F 7/10

IPC 8 full level

G07F 7/10 (2006.01); **H04L 9/10** (2006.01)

CPC (source: EP US)

G06Q 20/20 (2013.01 - EP US); **G06Q 20/3829** (2013.01 - EP US); **G06Q 20/4012** (2013.01 - EP US); **G07F 7/1016** (2013.01 - EP US)

Cited by

EP0377763A1; EP1020821A3; US5493613A; FR2760871A1; DE19600768A1; DE19600768C2; US5748740A; AU702508B2; US6105013A; EP0354771A3; EP0940783A3; US6658566B1; WO2006124652A3; WO9712344A3; WO9407219A1; WO9840853A1; US11132665B2; US11301835B2; US11397936B2; US11756021B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

GB 2168514 A 19860618; **GB 8431381 D0 19850123**; DE 3585439 D1 19920402; EP 0186981 A2 19860709; EP 0186981 A3 19881102; EP 0186981 B1 19920226; JP S61139878 A 19860627; US 4731842 A 19880315

DOCDB simple family (application)

GB 8431381 A 19841212; DE 3585439 T 19851204; EP 85308823 A 19851204; JP 17957085 A 19850816; US 80739685 A 19851210